| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|---|---|---------------------|---------|------------------|
| L1 | 47 | (planar near electron near emitter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 14:05 |
| L2 | 9 | (planar near electron near emitter) and (electron near (scatter or scattering or scattered)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 14:07 |
| L3 | 13 | (planar near electron near (emission or emitter)) and (electron near (scatter or scattering or scattered)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 14:08 |
| L4 | 8 | (planar near electron near (emission or emitter)).ti,ab,clm. and (electron near (scatter or scattering or scattered)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 14:08 |
| L5 | 8 | (planar near (field or electron) near (emission or emitter)).ti,ab, clm. and (electron near (scatter or scattering or scattered)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 14:09 |
| L6 | 437 | ((field or electron) near (emission or emitter)).ti,ab,clm. and (electron near (scatter or scattering or scattered)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 14:09 |
| L7 | 129 | ((field or electron) near (emission or emitter)).ti,ab,clm. and (electron near (scatter or scattering or scattered)).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 14:10 |
| L8 | 8 | ((field or electron) near (emission or emitter)).ti,ab,clm. and (electron near (scatter or scattering or scattered)).ti,ab,clm. and charge.ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 14:55 |
| L9 | 20227 | (anode or cathode or surface or electrode) same ((electron or filed) near (emitter or emission)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 14:56 |

| L10 | 20176 | (anode or cathode or surface or electrode) same ((electron or filed) near (emitter or emission)) same electron | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 14:56 |
|-----|-------|--|---|----|----|------------------|
| L11 | 1664 | (anode or cathode or surface or electrode) same ((electron or filed) near (emitter or emission)) same electron same charge | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 14:56 |
| L12 | 1995 | (anode or cathode or surface or electrode) same ((electron or field) near (emitter or emission)) same electron same charge | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 14:57 |
| L13 | 32 | (anode or cathode or surface or electrode) same ((electron or field) near (emitter or emission)) same electron same charge same (scatter or scattering or scatterer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 14:57 |
| L14 | 0 | ((anode or cathode or surface or electrode) same ((electron or field) near (emitter or emission)) same electron same charge same (scatter or scattering or scatterer)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 14:57 |
| L15 | 3 | ((anode or cathode or surface or electrode) same ((electron or field) near (emitter or emission)) same electron same charge same (scatter or scattering or scatterer)).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 14:58 |
| L16 | 32 | ((anode or cathode or surface or electrode) same ((electron or field) near (emitter or emission)) same electron same charge same (scatter or scattering or scatterer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:00 |
| L17 | 0 | ((anode or cathode or surface or electrode) same ((electron or field) near (emitter or emission)) same electron same charge).clm. and (scatter or scattering or scatterer).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:01 |
| L18 | 17 | ((anode or cathode or surface or electrode) same ((electron or field) near (emitter or emission)) same electron).clm. and (scatter or scattering or scatterer).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:01 |

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|-----|-------|---|---|----|----|------------------|
| L19 | 0 | ((anode or cathode or surface or electrode) same ((electron or field) near (emitter or emission)) same charge).clm. and (scatter or scattering or scatterer).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:02 |
| L20 | 4 | ((anode or cathode or surface or electrode) same ((electron or field) near (emitter or emission)) same (positive or negative or charge)).clm. and (scatter or scattering or scatterer).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:02 |
| L21 | 20443 | ((eletron or field) near (emitter or emission)) and (anode or cathode or electrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:03 |
| L22 | 14493 | ((eletron or field) near (emitter or emission)) same (anode or cathode or electrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:04 |
| L23 | 1885 | (((eletron or field) near (emitter or emission)) same (anode or cathode or electrode)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:04 |
| L24 | 9 | (((eletron or field) near (emitter or emission)) same (anode or cathode or electrode)).clm. and (scatter or scattering or scattered or scatterer).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:05 |
| L25 | 7 | (((eletron or field) near (emitter or emission)) same (anode or cathode or electrode)).clm. and (scatter or scattering or scattered or scatterer).clm. and electron | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:05 |
| L26 | 7 | (((eletron or field) near (emitter or emission)) same (anode or cathode or electrode)).clm. and (scatter or scattering or scattered or scatterer).clm. and electron. clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:24 |

| L28 | 101 | I27 and ((field or electron) near (emission or emitter)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:25 |
|-----|-----|--|---|----|----|------------------|
| L29 | 53 | l27 and ((field or electron) near (emission or emitter)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:25 |
| L30 | 10 | l27 and (planar near (field or electron) near (emission or emitter)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:26 |
| L31 | 13 | (planar near (field or electron) near (emission or emitter)).clm. and (planar near (field or electron) near (emission or emitter)).ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:28 |
| L32 | 11 | (planar near (field or electron) near (emission or emitter)).clm. and (planar near (field or electron) near (emission or emitter)).ti. and (anode or cathode or electrode). clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:28 |
| L33 | 10 | (planar near (field or electron) near (emission or emitter)).cim. and (planar near (field or electron) near (emission or emitter)).ti. and (anode or cathode or electrode). clm. and surface.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:28 |
| L34 | 9 | (planar near (field or electron) near (emission or emitter)).clm. and (planar near (field or electron) near (emission or emitter)).ti. and (anode or cathode or electrode). clm. and surface.clm. and electron.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:28 |
| L35 | 0 | (planar near (field or electron) near (emission or emitter)).clm. and (planar near (field or electron) near (emission or emitter)).ti. and (anode or cathode or electrode). clm. and surface.clm. and electron.clm. and (scatter or scattering or scatterer or scattered).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:41 |

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|-----|---|--|---|----|----|------------------|
| L36 | 0 | ((field or electron) near (emission or emitter)).clm. and (planar near (field or electron) near (emission or emitter)).ti. and (anode or cathode or electrode).clm. and surface.clm. and electron.clm. and (scatter or scattering or scatterer or scattered).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:41 |
| L37 | 7 | ((field or electron) near (emission or emitter)).clm. and ((field or electron) near (emission or emitter)):ti. and (anode or cathode or electrode).clm. and surface.clm. and electron.clm. and (scatter or scattering or scatterer or scattered).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:46 |
| L38 | 1 | ((field or electron) near (emission or emitter)).clm. and ((field or electron) near (emission or emitter)).ti. and (anode or cathode or electrode).clm. and surface.clm. and electron.clm. and (scatter or scattering or scatterer or scattered).clm. and perpendicular.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:47 |
| L39 | 2 | ((field or electron) near (emission or emitter)).clm. and ((field or electron) near (emission or emitter)).ti. and (anode or cathode or electrode).clm. and surface.clm. and electron.clm. and (scatter or scattering or scatterer or scattered).clm. and (electron near5 perpendicular) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:47 |

| L41 | 53 | l40 and (electron near5 (scatter or scattering or scattered)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:51 |
|-----|-----|---|---|----|----|------------------|
| L42 | 7 | I40 and (electron near5 (scatter or scattering or scattered)) and (electron near5 (perpendicular or perpendicularly)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:55 |
| L43 | 263 | ((electron or field) near (emitter or emission)) and (electron near5 (scatter or scattering or scattered)) and (electron near5 (perpendicular or perpendicularly)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:56 |
| L44 | 83 | ((electron or field) near (emitter or emission)).ti,ab;clm. and (electron near5 (scatter or scattering or scattered)) and (electron near5 (perpendicular or perpendicularly)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:56 |
| L45 | 5 | ((electron or field) near (emitter or emission)).ti,ab,clm. and (electron near5 (scatter or scattering or scattered)).ti,ab,clm. and (electron near5 (perpendicular or perpendicularly)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:57 |
| L46 | 3 | ((electron or field) near (emitter or emission)).ti,ab;clm. and (electron near5 (scatter or scattering or scattered)).ti,ab,clm. and (electron near5 (perpendicular or perpendicularly)):ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:56 |
| L47 | 192 | ((electron or field) near (emitter or emission)).ti,ab,clm. and (electron near5 (scatter or scattering or scattered)).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:57 |
| L48 | 40 | ((electron or field) near (emitter or emission)).ti,ab,clm. and (electron near5 (scatter or scattering or scattered)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 15:57 |
| L49 | 35 | ((electron or field) near (emitter or emission)).clm. and (electron near5 (scatter or scattering or scattered)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:01 |

| L50 | 2 | ((electron or field) near (emitter or emission)).clm. and (electron near5 (scatter or scattering or scattered)).clm. and (dope or doping or doped or dopant).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:02 |
|-----|----|--|---|----|----|------------------|
| L51 | 3 | ((electron or field) near2 (emitter or emission)):clm. and (electron near5 (scatter or scattering or scattered)):clm. and (dope or doping or doped or dopant).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:02 |
| L52 | 4 | ((electron or field) near2 (emitter or emission)).clm. and (electron near10 (scatter or scattering or scattered)).clm. and (dope or doping or doped or dopant).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:02 |
| L53 | 5 | ((electron or field) near2 (emitter or emission)).clm. and (electron near10 (scatter or scattering or scattered)).clm. and (dope or doping or doped or dopant) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:02 |
| L54 | 91 | ((electron or field) near2 (emitter or emission)).clm. and (electron near10 (direction or perpendicular or scatter or scattering or scattered)).clm. and (dope or doping or doped or dopant) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:03 |
| L55 | 33 | ((electron or field) near2 (emitter or emission)).clm. and (electron near10 (direction or perpendicular or scatter or scattering or scattered)).clm. and (dope or doping or doped or dopant).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:03 |
| L56 | 22 | ((electron or field) near2 (emitter or emission)).clm. same (electron near10 (direction or perpendicular or scatter or scattering or scattered)).clm. and (dope or doping or doped or dopant).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:03 |
| L57 | 5 | ((electron or field) near2 (emitter or emission)).clm. same (electron near10 (direction or perpendicular or scatter or scattering or scattered)).clm. same (dope or doping or doped or dopant).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:03 |
| L58 | 95 | ((electron or field) near2 (emitter or emission)).clm. and (scatter or scattering or scattered).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:04 |

| L59 | 112 | ((electron or field) near2 (emitter or emission)).clm. and (scatter or scattering or scattered).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:05 |
|-----|-----|--|---|----|----|------------------|
| L60 | 422 | ((electron or field) near2 (emitter or emission)):ti,ab,clm. and (scatter or scattering or scattered).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:05 |
| L61 | 195 | ((electron or field) near2 (emitter or emission)).ti,ab,clm. same (scatter or scattering or scattered).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:07 |
| L62 | 6 | ((electron or field) near2 (emitter or emission)).ti,ab,clm. same (scatter or scattering or scattered).ti,ab,clm. and (electron near10 (direction or perpendicular)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:06 |
| L63 | 18 | ((electron or field) near2 (emitter or emission)).ti,ab,clm. same (scatter or scattering or scattered).ti,ab,clm. and (electron near10 (direction or perpendicular)).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:06 |
| L64 | 0 | ((electron or field) near2 (emitter or emission)).ti,ab,clm. same (scatter or scattering or scattered).ti,ab,clm. and viscor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:12 |
| L65 | 1 | ((electron or field) near2 (emitter or emission)).ti,ab,clm. and (scatter or scattering or scattered).ti,ab,clm. and viscor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:26 |
| L66 | 3 | ((electron or field) near2 (emitter or emission)).ti,ab,clm. and (scatter or scattering or scattered) and viscor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:28 |
| L67 | 104 | ((electron or field) near2 (emitter or emission)).ti,ab,clm. and (scatter or scattering or scattered).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:28 |

| L68 | 95 | ((electron or field) near2 (emitter or emission)).clm. and (scatter or scattering or scattered).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:33 |
|-----|-------|--|---|----|----|------------------|
| L69 | 12 | ((electron or field) near2 (emitter or emission)) same (scatter or scattering or scattered) same crystal same (orientation or direction) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14:16:35 |
| L70 | 8 | ((electron or field) near2 (emitter or emission)) same electron same (scatter or scattering or scattered) same crystal same (orientation or direction) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:35 |
| L71 | 19 | (((electron or field) near2 (emitter or emission)) same electron same (scatter or scattering or scattered)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:35 |
| L72 | 1060 | (((electron or field) near2 (emitter or emission)) same electron same (scatter or scattering or scattered)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:36 |
| L73 | 14412 | (((electron or field) near2 (emitter or emission)) same electron same (scatter or scattering or scattered)) nad viscor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:36 |
| L74 | 175 | (((electron or field) near2 (emitter or emission)) same electron same (scatter or scattering or scattered)).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:37 |
| L75 | 13 | (((electron or field) near2 (emitter or emission)) same electron same (scatter or scattering or scattered) same (electric adj field)).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:39 |
| L76 | 153 | (((electron or field) near2 (emitter or emission)) same electron same (scatter or scattering or scattered) same (electric adj field)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:39 |
| L77 | 9 | (((electron or field) near2 (emitter or emission)) same electron same (scatter or scattering or scattered) same (electric adj field) same ballistic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/14 16:39 |